05/27/2006 17:29 5404281721 KILYK BOWERSOX PLLC PAGE 05

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Previously presented): An aqueous-based composition comprising from about 40% to about 95% by weight cesium formate and at least one chelating agent, wherein said at least one chelating agent is present in an amount of from about 0.2 M to about 1.0 M, and wherein said aqueous-based composition has a pH of from 9 to about 14.
 - 2. (Canceled)
- 3. (Original): The composition of claim 1, wherein said chelating agent is at least partially ionic.
 - 4. (Canceled)
 - 5. (Original): The composition of claim 1, wherein said chelating agent is anionic.
 - 6. (Original): The composition of claim 1, further comprising potassium formate.
- 7. (Previously presented): The composition of claim 1, wherein said pH of said composition is from about 11 to about 13.
- 8. (Original): The composition of claim 1, wherein said chelating agent is diethylenetriamine pentaacetic acid optionally having carboxylate anions.
- 9. (Previously presented): The composition of claim 1, wherein said composition has a specific gravity of from about 1.2 to about 2.4.
- 10. (Original): The composition of claim 1, wherein said aqueous-based composition is less than fully saturated with said cesium formate.

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

- 11. (Withdrawn): A method to reduce alkaline earth metal sulfate present on a surface comprising contacting said alkaline earth metal sulfate with the composition of claim 1.
- 12. (Withdrawn): The method of claim 11, wherein said alkaline earth metal sulfate is present on a well bore surface.
- 13. (Withdrawn): The method of claim 12, wherein said composition is introduced at the bottom hole of the well bore.
- 14. (Withdrawn): The method of claim 12, wherein said composition is introduced while recovery of hydrocarbons is occurring from said well bore.
- 15. (Withdrawn): The method of claim 12, wherein said composition reaches a temperature of at least 50° C in the presence of said alkaline earth metal sulfate.
- 16. (Withdrawn): The method of claim 12, wherein said composition and dissolved alkaline earth metal sulfate are recovered.
- 17. (Withdrawn): The method of claim 14, wherein said composition and dissolved alkaline earth metal sulfate are recovered from the well bore at the surface of the well and wherein said composition separates from the hydrocarbons by phase separation and said alkaline earth metal sulfate precipitates out of solution.
- 18. (Withdrawn): A method to remove scaling deposits present on a well bore surface comprising contacting said scaling deposits with the aqueous-based composition of claim 1, wherein said composition is introduced while recovery of hydrocarbons is occurring from said well bore.
 - 19. (Canceled)
 - 20. (Withdrawn): The method of claim 18, wherein said aqueous-based composition

05/27/2005 17:29 5404281721 KILYK BOWERSOX PLLC PAGE 07

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

further comprises potassium formate.

- 21. (Canceled)
- 22. (Withdrawn): The method of claim 18, wherein said composition and dissolved scaling deposits are recovered from the well bore at the surface of the well and wherein said composition separates from the hydrocarbons by phase separation and at least a portion of said scaling deposits precipitate out of aqueous solution.
- 23. (Withdrawn): The method of claim 18, wherein the cesium formate is present in an amount of from about 3 M to about 12 M and said at least one chelating agent is present in an amount of from about 0.2 to about 1.0 M.
- 24. (Withdrawn): The method of claim 18, wherein said chelating agent is diethylenetriamine pentaacetic acid optionally having carboxylate anions.
 - 25. (Canceled)
 - 26. (Canceled)
- 27. (Currently amended): The completion fluid of claim 25 33, wherein said alkali metal formate comprises cesium formate and potassium formate.
 - 28. (Canceled)
- 29. (Currently amended): The completion fluid of claim 25 33, wherein said acid is formic acid or an acid derivative thereof.
- 30. (Currently amended): The completion fluid of claim 25 33, further comprising a mutual solvent.
- 31. (Currently amended): The completion fluid of claim 25 33, wherein said surfactant comprises a mixture of an ethylene oxide/propylene oxide adduct of an acrylate copolymer,

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

polymeric hydroxyethylethylene urea, monobutyl ethylene glycol, ethoxylated long chain alcohols, sulfated long chain alcohols, or combinations thereof.

- 32. (Currently amended): The completion fluid of claim 25 33, wherein said completion fluid has a specific gravity of from about 1.2 to about 2.4.
- 33. (Previously presented): A completion fluid comprising at least one alkali metal formate, at least one acid, at least one surfactant and optionally at least one chelating agent, wherein said at least one alkali metal formate is present in an amount of from about 40% to about 95% by weight, and said at least one acid is present in an amount of from about 0.2 M to about 12 M, wherein said alkali metal formate comprises cesium formate.
 - 34. (Canceled)
- 35. (Currently amended): The spent completion fluid of claim 34 41, wherein said filter cake comprises a fluid loss agent.
- 36. (Currently amended): The spent completion fluid of claim 34 41, wherein said filter cake comprises calcium carbonate or at least one alkaline earth metal sulfate or both and optionally at least one fluid loss agent.
- 37. (Currently amended): The spent completion fluid of claim 34 41, wherein said filter cake further comprises drilling fines.
- 38. (Currently amended): The spent completion fluid of claim 34 41, wherein said alkali metal formate comprises cesium formate.
- 39. (Currently amended): The spent completion fluid of claim 34 41, wherein said alkali metal formate comprises cesium formate and potassium formate.
 - 40. (Currently amended): The spent completion fluid of claim 34 41, wherein said alkali

06/27/2006 17:29 5404281721 KILYK BOWERSOX PLLC PAGE 09

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

metal formate comprises potassium formate.

- 41. (Previously presented): A spent completion fluid comprising at least one alkali metal formate, at least one acid, at least one surfactant, and a dissolved or solubilized filter cake, and optionally, at least one chelating agent, wherein said at least one alkali metal formate is present in an amount of from about 40% to about 95% by weight, and said at least one acid is present in an amount of from about 0.2 M to about 12 M.
- 42. (Currently amended): The spent completion fluid of claim 34 41, wherein said acid comprises formic acid or an acid derivative thereof.
- 43. (Currently amended): The spent completion fluid of claim 34 41, wherein said surfactant comprises a mixture of a ethylene oxide/propylene oxide adduct of an acrylate copolymer and polymeric hydroxyethylethylene urea.
- 44. (Currently amended): A method to remove a filter cake present on a well bore surface comprising contacting said filter cake with the completion fluid of claim 25 33.
- 45. (Original): The method of claim 44, wherein said filter cake comprises a fluid loss agent.
- 46. (Original): The method of claim 44, wherein said filter cake comprises calcium carbonate, at least one alkaline earth metal sulfate, at least one fluid loss agent, or combinations thereof.
- 47. (Original): The method of claim 44, wherein said filter cake further comprises drilling fines.
- 48. (Original): The method of claim 44, wherein said completion fluid and dissolved or solubilized filter cake are recovered.

- U.S. Patent Application No. 09/900,533
 Amendment After Final dated June 28, 2006
 Reply to Final Office Action dated February 27, 2006
 and Advisory Action dated June 8, 2006
- 49. (Original): The method of claim 44, wherein said completion fluid and dissolved or solubilized filter cake are recovered from the well bore at the surface of the well during recovery of hydrocarbons and wherein said completion fluid separates from the hydrocarbons by phase separation and said filter cake or a portion thereof precipitates out of solution.
- 50. (Original): The method of claim 44, wherein said alkali metal formate comprises cesium formate, potassium formate, or both.
- 51. (Original): The method of claim 44, wherein the alkali metal formate is present in an amount of from about 3 M to about 12 M and said at least one acid is present in an amount of from about 0.2 M to about 12 M.
- 52. (Original): The method of claim 48, further comprising raising the pH of the spent completion fluid to a pH range of from about 10.5 to about 12 and filtering said spent completion fluid.
- 53. (Currently amended): The completion fluid of claim 25 33, wherein the alkali metal formate is present in an amount of from about 3 M to about 12 M and said at least one chelating agent is present in an amount of from about 0.2 M to about 1.0 M.
- 54. (Currently amended): The completion fluid of claim 25 33, wherein said chelating agent is at least partially ionic.
 - 55. (Canceled)
- 56. (Currently amended): The completion fluid of claim 25 33, wherein said chelating agent is diethylenetriamine pentaacetic acid optionally having carboxylate anions.
- 57. (Currently amended): The spent completion fluid of claim 34 41, wherein the alkali metal formate is present in an amount of from about 3 M to about 12 M and said at least one

06/27/2006 17:29 5404281721 KILYK BOWERSOX PLLC PAGE 11

U.S. Patent Application No. 09/900,533 Amendment After Final dated June 28, 2006 Reply to Final Office Action dated February 27, 2006 and Advisory Action dated June 8, 2006

chelating agent is present in an amount of from about 0.2 M to about 1.0 M.

- 58. (Original): The method of claim 44, wherein the alkali metal formate is present in an amount of from about 3 M to about 12 M and said at least one chelating agent is present in an amount of from about 0.2 M to about 1.0 M.
- 59. (Currently amended): The completion fluid of claim 25 33, wherein said surfactant comprises at least one sodium or ammonium salt of acrylic acid copolymer, optionally containing one or more alkylene oxide adducts.
 - 60. (Canceled)